

A Broadband Initiative from the **lowa Communications Network**



Cyber Crime Refines Their Social Engineering Tactics

Attackers are improving their strategies by accounting for new developments in technology. Researchers at FireEye analyzed 1.3 billion phishing emails and identified three major trends in Q1 2019.

Microsoft strikes next deal to extend broadband in 3 states

Microsoft Corp. and an Ohio-based provider of telecommunications services have announced an agreement to extend broadband internet access to underserved rural areas of Ohio, Indiana and Illinois over the next three years.

With Rural Health Care Stretched Thin, More Patients Turn To Telehealth

A program could offer patients 30-minute video counseling sessions twice a week. The sessions would be via a computer screen with a therapist who was hundreds of miles south.

Want improved student experience? Go paperless, says edtech exec

Students in universities across the country don't want to deal with paper anymore — and neither do higher education staff and employees. Technology can be a part of the larger effort underway in universities to make education more efficient.

RapidDeploy 911 system gives Boone County, Arkansas dispatchers more accurate information

911 dispatchers are already learning the new technology. "We can track callers. We can track our responders." For dispatchers, it's a valuable tool in their toolbox.

Digital Divide: Lack of internet access may affect homework, student performance

For the 2016-17 school year, almost 2.9 million children live in households without internet access; 2.1 million also live in households without a computer.

Amazon requests FCC consent to launch Internet satellites

Amazon has asked the FCC for permission to launch satellites into Earth's orbit to push forward with a plan to create a global broadband network. The tech giant hopes to deploy satellites at three different altitudes in order to serve "tens of millions of people who lack basic access to broadband Internet."

FCC Commissioner and Senator Capito talk Telehealth and importance of broadband

FCC Commissioner Brendan Carr and Senator Shelley Moore Capito talk about expanding broadband in the Mountain State and how being connected could improve healthcare with Telehealth technology.

Ransomware solution? Outsource all IT, says local government expert

Just as biological viruses are most dangerous to people with weak immune systems, ransomware attacks have proven most harmful to the local governments that have allowed years to pass without sufficiently updating their IT infrastructures and workforces.

We ran 5G speed tests on Verizon, AT&T, EE and more: Here's what we found

Faster speed versus more coverage. That's the most important issue for 5G networks today.

Demand for broadband in schools strong, E-Rate survey shows

As the Federal Communications Commission debates the future of the E-Rate program, education stakeholders said its function in supporting affordable broadband access is critical for schools to meet their learning goals.

Rural connectivity necessary for agriculture

The Forbes AgTech Summit in Salinas in June on "The Future of Food" showcased technology, innovation and ideas that will make agriculture more efficient, productive, profitable and safe. To make these advancements accessible to all Americans, broadband connectivity must reach currently unserved rural areas, speakers said.

4 ways to check for skin cancer with your smartphone

Your phone can help you recognize suspicious moles and marks, but you should still see a dermatologist or doctor.

Senators Propose \$5 Billion Plan for Rural Broadband Buildout

In their newly introduced "American Broadband Buildout Act of 2019," Sens. Susan Collins (R-Maine) and Doug Jones (D-Alabama) are calling for \$5 billion for a matching funds program that will focus on "unserved" parts of the U.S.



BROADBAND STRONG: Delivering **FLEXIBLE** broadband and **FAST** experiences to meet the growing broadband needs of education, government, public safety, and healthcare in lowa.

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